

Abstract

The invention is a method for simultaneous and fractional determination of peracetic acid and hydrogen peroxide, which
5 comprises adding a solution containing peracetic acid and hydrogen peroxide to a pH buffer solution with pH from 5 to 6 containing a molybdate, iodine and an iodide ion, and measuring redox potential changes in a reaction of peracetic acid with the iodide ion and a reaction of hydrogen peroxide with the
10 iodide ion, and the concentrations of peracetic acid and hydrogen peroxide in the mixture of peracetic acid and hydrogen peroxide can fractionally be measured with ease continuously and simultaneously.